OVERVIEW OF PRP GROUP PLAN		THRESHOLD CRITERIA MET
Remedial Component	**Summary Description**	**RAOs**
Institutional controls (ground water)	Prohibit installation of new wells, other than for groundwater monitoring, within the landfill via deed restriction; utilize well permitting authority to prohibit installation of new wells, other than for groundwater monitoring, near the landfill	W1, W2, W3
Municipal connections	Provide municipal water supply to all residences located on Westwood Drive between Plainfield and Northwood.	W1, W2, W3
Ground water monitoring	Establish compliance and sentinel wells south and east of the landfill; monitor compliance and sentinel wells, initially quarterly, for VOCs and metals; adjust monitoring frequency as appropriate, given prior results; sample residential wells east of the landfill prior to closure and municipal connections	W4
Well abandonments	Plug and abandon domestic wells for residences east and south of th site for which a municipal supply has been provided. Plug and abandon excess monitoring wells	W1, W2, W3
Gas collection and treatment	Install a passive perimeter vapor collection trench along the eastern and southern landfill boundaries; cover with clay plug to induce capture into a near-surface piping network that discharges to multiple vertical stack outlets; provide treatment as necessary and appropriate to meet VOC emission standards and avoid nuisance odors	A1, A2, A3
Landfill and soil gas monitoring	Establish compliance and sentinel gas sampling locations; monitor semi-annually for VOCs, methane, and hydrogen sulfide (H2S); adjust monitoring frequency as appropriate, given prior results	A4
Construction debris area (CDA) closure	Cover the CDA materials in-place with a soil cover consisting of foundation material to in-fill surface voids and a minimum 1-foot soil layer with suitable vegetative cover; establish institutional controls in parallel with the landfill.	C1, C2, C3
Surface debris removal and cover repair on the landfill	Visually survey the landfill to identify potential physical hazards and locations of post-closure debris placement; remove any surface debris and dispose off-site in a permitted facility; cover areas of exposed waste and in-fill any surface voids with clean soil and suitable vegetation (estimated at no more than 25 acres)	LF1, LF2, LF3
Institutional controls (waste)	Mitigate inadvertent exposure to waste materials in the future by causing the recording/filing of a deed notice for the landfill regarding site history and constituents	LF1, LF2, LF3
Access controls	Install barriers (e.g., bollards) at historic entranceways to impede future vehicular traffic and any waste dumping onto landfill surface	LF1, LF2, LF3

BY PROPOSED REMEDIA
ARARs
40 CFR 141 (MCLs)
40 CFR 258 (Post-closure Care)
312 IAC 13-10-2 (Permanent Abandonment of Wells)
326 IAC 2-5.1-2(a)(1)(C) and 2-5.1-3(a)(1)(E) (VOC Emissions)
326 IAC 6-4-2 (Fugitive Dust Emissions), 329 IAC 10-4 (Open Dumping and Open Dumps), 40 CFR 257 (Open Dumps)
326 IAC 6-4-2 (Fugitive Dust Emissions), 329 IAC 10-4 (Open Dumping and Open Dumps), 40 CFR 257 (Open Dumps)

Maintain the existing landfill cover	Inspect landfill quarterly; remove any surface debris that poses a physical hazard and dispose off-site; repair areas subject to significant subsidence and/or erosion; each step according to a written maintenance plan	LF1, LF2, LF3, LF4
Five-year reviews	Assess performance of all the remedial components and issue a report every five years to demonstrate the continued protection of health and the environment; modify groundwater and landfill/soil gas monitoring programs, as appropriate given the results, while ensuring future health and environmental protection; modify the landfill maintenance plan as necessary to ensure future protection and cover integrity	W4, A4, LF4

EXPLANATION:

RAO	Remedial Action Objective (See Table 1)
ARAR	Applicable or Relevant and Appropriate Requirement
CFR	Code of Federal Regulations
IA	Indiana Administrative Code
VOC	volatile organic compound